

DR9041C

DC-DC Power Supply

(Document Rev A03 09/17/15)



20-36Vdc or 10-16Vdc Input, 180W Multiple Output

Product not in current production and may not be reproducible to original specifications.
This product demonstrates Aegis Power Systems capabilities.

Market: Telecommunications

Application: Digital Receiver

Features

- Designed to meet portions of FCC Class "A" EMI specifications.*
- Designed to meet UL1950 when installed in customer's chassis.*
- Over Voltage protection reset by recycling input power.*
- Over Current protected with automatic recovery.*
- Two factory selected input voltages.*

* Contact AEGIS Power Systems for specific details.

Table 1: Specifications

Parameter	Rating	Unit	Notes
Vin Range	10-16 or 20-36	Vdc	Factory Configured
Temperature range	-0 to +50	°C	Operating
+5Vdc output	75 ⁽¹⁾	W	15 Amp
+3.3Vdc output	75 ⁽¹⁾	W	22.7 Amp
+12Vdc output	60 ⁽¹⁾	W	5 Amp
-12Vdc output	15 ⁽¹⁾	W	1.25 Amp
-5Vdc output	2.5 ⁽¹⁾	W	0.5 Amp
Weight	2.92	Lbs	Typical
Dimension	3.55" H x 2.7" W x 11" L		
⁽¹⁾ Total combined output 180W maximum.			

Product Highlights

This robust input filtered telecommunications dc-dc power supply is factory configured for either 10-16Vdc input or 20-36Vdc input. Outputs are factory configured for +5Vdc, +3.3Vdc, +12Vdc, -12Vdc, and -5Vdc with 180W total combined output capability. This frame mounted COTS solution works well for Industrial, Telecommunications or Mil-cots applications that require output power with multiple Vdc outputs.

AEGIS Power Systems, Inc. specializes in the front end design, development, and manufacture of Rapid Response Custom Switching Power Supplies for defense, industrial, telecomm, aircraft, shipboard, rack mount, electric powered vehicle, and Mil-Cots military power supply applications.

Contact Aegis for specific details on this product or about developing a similar product for your industrial, telecom or military power supply or power converter application.